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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/608,632

06/27/2003

Ana Luisa Lattes

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08/30/2004

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EXAMINER

TRAN, ANH Q

ART UNIT

PAPER NUMBER

2819

DATE MAILED: 08/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/608,632

Applicant(s)

LATTES, ANA LUISA

Examiner

Anh Q. Tran

Art Unit

2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7, 10, 12, 15-21 and 24-28 is/are rejected.
- 7) ☒ Claim(s) 8, 9, 11, 13, 14, 22, 23 and 29 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 3, 17, and 26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claims 3 & 17, the second input is indicating and activating the legs; but in claims 1 & 15, the second input is determining input that determine when to produce the signal and the first input is for activating the signal. Clarification is required.
3. claims 4-7, 18-21, 27, and 28 are rejected as being depend on above claims.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 10, 15-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Mooney et al (6,744,287).

Art Unit: 2819

Claim 1, Mooney shows a driver (300, Fig. 6) comprising: a resistance network comprising a plurality of legs (302-0 to 302-n); and a plurality of predriver circuits (306, 308), each of the plurality of predriver circuits being associated with one of the plurality of legs of the resistance network, each predriver circuit receiving a first input (EN0) to determine whether the predriver produces a signal and a second input (TAP0) to determine when to produce the signal.

Claim 2, Mooney shows the first input indicates whether the associated leg of the resistance network is active (col. 4, lines 50-60).

Claim 3, Mooney shows wherein the second input to the predriver circuit indicates when one of the plurality of legs of the resistance network is active (col. 4, lines 6-20).

The apparatus described above is applicable to the method claims 10 and 12.

Claim 15, Mooney shows a device comprising:

an interface to a bus; and an I/O driver circuit (300, Fig. 6) to drive signals on the bus, the I/O driver comprising: a driver section (302_0, Fig. 6), and a predriver section (302_1 to 302_n) comprising: a resistance compensation network comprising a plurality of legs (307s and 309s), and a plurality of predriver circuits (306s and 309s), each predriver circuit being associated with one of the plurality of legs, each predriver circuit receiving a first input (EN1 to

Art Unit: 2819

EN3) to determine if the predriver circuit produces a signal and a second input (TAP0 to TAP3) to determine the predriver circuit produces a signal.

Claim 16, Mooney shows the first input to a predriver circuit indicates whether the associated leg of the resistance compensation network is active.

Claim 17, Mooney shows the second input to a predriver circuit indicates when one of the legs of the plurality of legs of the resistance network is active.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 24-26 are rejected under 35 U.S.C. 102(b) as being anticipated by Mooney et al (6,087,847).

Claim 24, Mooney shows a system comprising: a Processor (col. 1, line 11); a bus; a driver to drive signals on the bus, the driver (320, Fig. 3) comprising: a resistance network comprising a plurality of legs (460-540); and a plurality of predriver circuits (450, 452), each of the plurality of predriver circuits being associated with one of the plurality of legs of the resistance network, each predriver circuit receiving a first input (en0-en3) to determine whether the predriver produces a signal and a second input (en2 & en3) to determine when to produce the signal.

Claim 25, Mooney shows the first input to a predriver circuit indicates whether the associated leg of the resistance network is active.

Claim 26, Mooney shows the second input to the predriver circuit indicates when one of the plurality of legs of the resistance network is active.

Art Unit: 2819

Allowable Subject Matter

4. Claims 8-9, 11, 13-14, 22-23, and 29 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh Q. Tran whose telephone number is 571-272-1813. The examiner can normally be reached on M-TH (7:00-5:30) Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Tokar can be reached on 571-272-1812. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Anh Q. Tran
Examiner

**ANH Q. TRAN
PRIMARY EXAMINER**


8/26/04